



Airone R Standard School Range Filtration Fume Cupboards



Unit shown: Airone 1000R
with optional filter
saturation alarm

Airone 1000R Classroom & small prep room unit

Standard specification:

- 1000mm wide (760mm deep x 2200mm high)
- Polypropylene worktop with vulcathene drip cup
- Remote water service
- Remote gas services
- Single electric socket
- Plain stand
- 22kg CMS carbon filter
- Filtrete pre-filter (protects main filter from particulates)

**Tested by CLEAPSS
for use in schools**

Options:

- Filter saturation alarm
- 900mm vented storage cabinet
- Upgrade to double electric socket

Airone 1200R: Prep room unit

Standard specification:

- 1200mm wide (760mm deep x 2200mm high)
- Polypropylene worktop with sink
- Remote water service
- Remote gas services
- Double electric socket
- Plain stand
- 2 x 15Kg CMS carbon filters
- Filtrete pre-filters (protects main filters from particulates)

Options:

- Filter saturation alarm
- 1100mm vented storage cabinet

**Tested by CLEAPSS
for use in schools**



Unit shown: Airone 1200R
with optional storage cabinet

Technical Specification



Digital Control System



- Low airflow alarm
- Face velocity display
- Fan on/off switch
- Light on/off switch
- Alarm status/mute
- Constant airflow monitoring

Specification

- Average inflow: **>0.4 m/s**
(volume alters with sash position)
- Min working aperture: **200mm high**
- Max working aperture: **365mm high**
- Voltage: **230V 50Hz 1ph**

Other standard (size) Airone R:

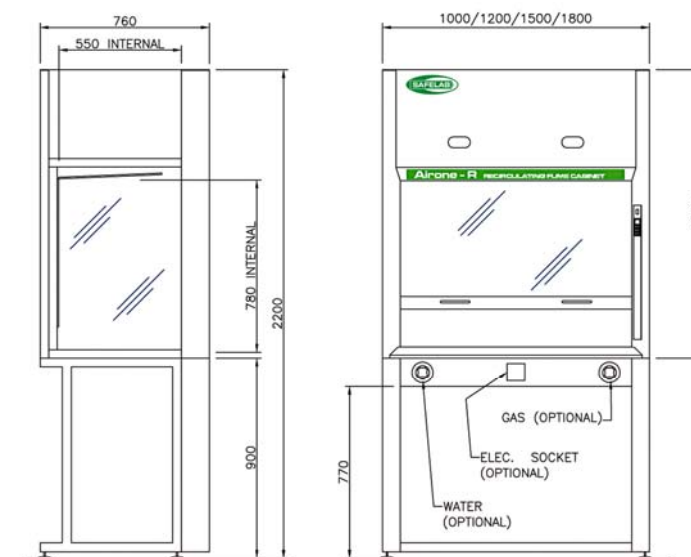
- 1500mm wide: (2 x 15Kgs filters)
- 1800mm wide: (3 x 15kgs filters)

Optional filter saturation alarm

- Detects low concentrations of Hydrocarbons, some gases and Organic Acids
- Integrated into Airone R control system
- Alarms and contaminants in exhaust air
- Alarm mute function
- Detects filter breach (i.e. by leak/saturation) long before laboratory is unduly contaminated

Construction

- Epoxy coated mild steel carcass
- Safety glass side panels
- Solid grade laminate baffles
- Counterweighted front sliding sash
- Polypropylene spillage tray
- Profiled aluminium aerofoils



Dimensional drawing

Optional vented storage cupboards



A one year manufacturer's warranty is supplied with the Airone R range of cabinets. COSHH Regulation Nine stipulates that this type of equipment should be tested and calibrated at intervals of no greater than 14 months to ensure continued safe operation.

So that compliance with this mandatory requirement is achieved Safelab can provide full testing and routine servicing of fume cupboards which is the key to sustained safety, reliability and economy.